Congo - TN Tom Gregory N4NW will be on as TN8NW June 30-July 4, and maybe earlier. See details on Page 2.

Minami Torishima - JD1 Charlie KA2CC will be on from JD1 on 10-20 SSB July 8-15, including the IARU HF contest. Try the general portion of 15 and 20, and 28490 kHz on 10. Split frequency for Europe. Note JD1 is in Zone 90, not Zone 45. QSL Callbook address with stateside SASE, or SAE and 1 IRC for US, 2 IRCs for DX. Charlie says he hasn't received any cards via the ARRL bureau in a year, so beware QSL bureau route.

Nevis - V47 Greg KO9Y will be on as V47/KO9Y June 18-25 on 10-80M CW, usual DX frequencies. QSL with SASE to KO9Y.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Oblast 177 Work Oblast 177 before it disappears, as UM9MWA/UM5P is on all bands through June 27. They're looking for USA 00-0500Z. QSL to UM8MDX, Box 240, Franze 720055 USSR.

Western Samoa - 5W Bing VK2BCH is due on as 5W1GY through June 24, when he hopes to move on to Tokelau as ZK3RVC. Watch 7163 kHz at 0700Z.

Anguilla - VP2E Mac KV4AM is on the road again, as VP2EMA through June 22, on CW. Try 30 kHz up and 10105 kHz. QSL home call.

US Virgin Islands - KP2 QRP enthusiast Paula Franke WB9TBU and others will be /KP2 July 7-14, including IARU HF test, 80-10, plus WARC and Novice bands, mostly CW. Honest signals reports would be appreciated. QSL NU4B.

DXCC Notes

W1AW reports that A15AA, AB, and AC cards are now acceptable for DXCC credit, thanks to documentation received. Also, TYØLC cards are okay for DXCC credit as soon as they come out.

Shortly Noted

- 5Z4DU says he is often on 21320 kHz at 1830Z, and will make CW QSOs on request. QSL via KE4DA, direct to Box 21355, Nairobi, Kenya, or via 5Z4 bureau.
- \bullet J52US says he has his 160M antennas up, and he transmits on 1827, listens on 1832 kHz at 0000Z weekends.
- The Germans working on the next amateur satellite are often /FYØ on 1428Ø or 2128Ø kHz at 20-2100Z, talking home.
- Try 9X5SP on 14292 kHz at 0230Z on Mondays, with DK2RZ operating.
- ZZ8ADV is the special call for Brazil's Fire Prevention Week, July 2-8. SSB only on 14190 kHz. QSL to PW8DP.
- Duncan 9Q5DA closes down at the end of June. QSL to KC4NC before the end of the year.
- Look for JW/WA4ZEL for the next couple of weeks, mostly on 14025 kHz. QSL WD4ARY.
- A92EM stayed in Bahrain to at least June 10. Next spot: A6, but little chance of individual operating permission.
- \bullet DXNS says that D68WB is due back in the Comoros (AF- \emptyset 7) now.
- 20 M SSB net check-ins were: 9X5AA J52BLU 9V1TJ BV2FA 9M2HB TR8JLD 5T5NU J28DN 5V7WD.
- 20 M regulars are: 7X2FK 14010-20 0100Z+, FT5XE 14055 1100Z, JT1BR 14010-20 14-1500Z, BV2B 14225 or 14198 at 1145Z or 1330Z, J52US 14200+ 22-2300Z, XU1SS 14165 1250Z.
- On 15 M, watch for: TA2AI 21010 2230Z, RV0YF in Zone 23 on 21012 kHz often, 9M2HB 21255 1650Z, A4XKP 21265-75 1700Z, and A92BE 21200-230 kHz at 03-0500Z.

RTTY Report

- \bullet JA1ACB reports that ZK3YY will be on RTTY June 20-26, with limited operating time.
- C31NP 21089 kHz at 0030Z. QSL Callbook address.
- J73EH on 14082 kHz at 0320Z, VP2EZ on 14081 kHz at 2300Z, 9Y4GC on 14092 kHz at 2345Z, and V44KM on 14083 kHz at 0100Z are active from the Caribbean.
- AH2BT has been on 14083 kHz at 1100Z.
- TA3C is on 14085 kHz at 0445Z.
- TR8DX is on 14089 kHz from 2300Z.
- EA8IY was on 14092 kHz at 2300Z.
- ZD7CW has been on 14082 kHz at 2330Z.
- TU4CQ was on 14092 kHz at 2400Z.
- 6T2MGin North Sudan continues activity on 14094 kHz at 2400Z.
- 9H4B has been on 14075 kHz FEC at 0625Z.

PROPAGATION

Forecast and Historical Data

Day	Forecast	27 D	ays	Before		55 D	ays	Before	
June	<u>e</u>	Date	Flux	C A	K	Date	Flux	c A	K
17	High/Low	5/21	11Ø	10/22	2	4/23	11Ø	18/33	1
18	High/Low	5/22	111	07/18	1	4/24	104	05/12	3
19	High Nor	5/23	119	04/16	Ø	4/25	105	Ø5/14	2
20	High/Low	5/24	117	Ø8/17	2	4/26	103	Ø8/15	Ø
21	High Nor	5/25	119	06/15	2	4/27	101	Ø4/15	1
22	High Nor	5/26	125	Ø8/16	1	4/28	100	13/23	2
23	High/Above	5/27	127	02/10	1	4/29	101	09/14	1
24	High Nor	5/28	127	Ø1/12	1	4/30	103	07/15	1
25	High Nor	5/29	136	10/16	3	5/1	107	Ø5/12	2
26	High/Low	5/30	139	12/21	3	5/2	115	07/14	2
27	High Nor	5/31	145	09/17	2	5/3	121	Ø4/15	2
28	High Nor	6/1	15Ø	06/14	2	5/4	125	13/25	3
29	High Nor	6/2	144	Ø5/13	2	5/5	119	16/32	2
30	Above Nor	6/3	145	05/11	Ø	5/6	114	60/125	2
Jul	у								
1	High Nor	6/4	147	01/13	1	5/7	111	Ø9/21	3
2	High Nor	6/5	147	07/19	3	5/8	115	12/24	2
3	High Nor	6/6	154	09/19	2	5/9	120	10/20	3
4	High Nor	6/7	160	05/15	2	5/10	114	14/20	2
Thanks KH6BZF and Space Environment Services Center.									
Propagation Watch									

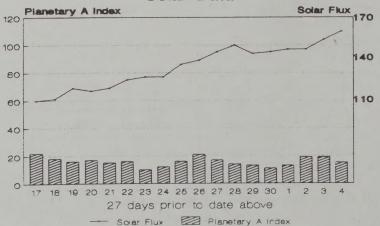
The month of June opened with a rapid increase in solar flux. After starting the month right with a Cycle-22 high of 150, the solar flux continued to increase, and actually <u>averaged</u> more than 150 for the entire first week of June. Flux hit a new high of 165 on June 9.

All this welcome boost in solar activity has come without any increase in absorption. The region on the sun that caused the solar disturbance in May failed to recur in early June, to the relief of all DXers. The Planetary A-index has stayed low enough to permit good multi-hop and long-path openings, especially on 15 meters, which has been open almost all night. 10 meters has also been open during the day.

Even 6 meters showed F2 activity, with the East Coast working Europe and the West Coast working the Pacific and Japan on Friday, June 3 (just missing the ARRL VHF QSO Party.) This could be the start of some fantastic propagation on 6 meters!

If solar activity repeats this coming solar revolution (which it hasn't been doing), look for good-to-excellent conditions on 15 and 20 meters for the next two weeks. The lower bands will be noisy and signals weak, with the approach of the summer solstice. North-south paths, E-skip, and maybe some F2 will keep 10 and 12 meters alive.





Congo - TN Report by Tom Gregory N4NW

TN4NW will be the call sign for the upcoming DXpedition to Brazzaville, Democratique Republic du Congo. Tom 9Q5NW received a copy of the license, dated 18 May 1988, on June 1. The license permits CW and SSB operation on 10, 15, 20, 40, and 80 meter amateur bands, is good for six months, and is renewable.

Equipment consists of a donated ICOM 761, which Tom was testing from Zaire on June 6. Initial antenna installation will be a donated all-band vertical and a broadband dipole, with a tri-bander planned.

The actual dates of operation will depend on work and family commitments. However, as soon as Tom gets the station assembled, he plans an extended operation of several days. The most likely time is June $3\emptyset$ -July 4, over the long holiday weekend.

CW 25 kHz up from the bottom of the bands. SSB on 3750, 7043, 14145, 14180, 21250, and 28490 kHz, all split frequency. Most operation will be on 10, 15 and 20 meters. No RTTY or other modes planned. The license does not allow 160 meter operation.

Tom will log with his computer and WB2DND's logging program, which identifies duplicate contacts by band. Stations are discouraged from making duplicate contacts on the same band. Tom has been known to delete from the log calls of stations operating in what he considers a violation of Rule 12 of the ARRL DXCC Rules. ["Fair play and good sportsmanship in operating are required of all DXCC members".]

All requests for QSLs should go directly to Tom's QSL manager: Tom Harrell AL7EL, P. 0. Box 368, Stockbridge GA 30281 USA, or via AL7EL's 1988 Callbook address. Do not send cards to the TN bureau, which is questionable at best. Also, please don't send cards through the KL7 QSL bureau. [If you must use the QSL bureau, send your cards to Tom's stateside call: N4NW. He'll get them eventually.]

Logs will go to ALTEL at the end of every week on a computer disk. To speed processing, stations are requested to place their callsign on the bottom front of the envelopes sent to ALTEL. Cards with proper return postage will be handled immediately. Cards without sufficient postage will be returned via the ARRL bureau system when Tom returns to the States in mid-1989.

The costs of this operation are high, with a license application fee alone of more than US\$700. Add in costs of crossing the river, food, and lodging in Brazzaville, and TN trips get very expensive. Donations are greatly appreciated, and can be sent to AL7EL.

A complete copy of the TN4NW documentation: license application, correspondence, and license, in French, is available for \$5. Proceeds will go to help pay for the operation. Order from Tom Brown KC4NC, 742B West 21st Street, Norfolk VA 23517.

WB2DND's logging program for the PC is also available. Again, proceeds from the sale will go toward the TN operation. For details, send an SASE to Don Greenbaum WB2DND, P.O.Box 79, Plymouth MA Ø2364.

[Congo - TN ranks 35th on the 1987 The DX Bulletin's Most Wanted Countries list, and is the rarest of the Terrible T's. Tom's operation will go a long way toward reducing demand for this one. -ed.]

Franz Josef Land Expedition

The Earthwatch program (P.O.Box 403, Watertown MA 02172, phone (617) 926-8200) is sponsoring a joint Soviet-US expedition to Franz Josef Land this summer. They are looking for six meteorologists and geophysicists to assist soviet scientists with rocket studies of the upper atmosphere. Contributions of \$30 or more will help sponsor this unique expedition.

RANIDDASS

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Sepecially RTTY, 30 meters	Ren	orts W	anted	١.		UAØYAG	14005	1415	3	OR
SB4FN					tore	UH8BAF	14026	0057	31	FL
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SH3ZO	5B4FN	14090	0419	4	CA					CA
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KC6JC 3798 1000 31 MD OD5TE 14235 0235 31 CA 40 Meters OJØMR 14181 0009 1 MI KH3/WY5L 7165 0748 4 TN OY9A 14250 2240 4 MA P29SS 7004 1120 4 WY P29DD 14191 1030 4 MA ZK1XV 7165 0748 6 NV P29KH 14245 1156 5 CT 30 Meters P29MM 14222 1139 16 TN KC6SI 10105 1121 31 MA PY0FF 14236 0144 1 NO VP2EMA 10103 0244 4 MA T30BC 14208 1218 1 RI 20 Meter CW T32AB 14206 1005 10 MA 4KØE 14007 1216 4 OR UC8D/ 14192 1543 8 MA 7X2FK 14005 0025 1 MI RB4MF TX2FK 14005 00404 4 MA 9V1XE 14009 1154 4 MN					MA					
40 Meters KH3/WY5L 7165 0748 4 TN OY9A 14250 2240 4 MAP P29SS 7004 1120 4 WY P29DD 14191 1030 4 MAP ZK1XV 7165 0748 6 NV P29KH 14245 1156 5 CT30 Meters KC6SI 10105 1121 31 MA PY0FF 14236 0144 1 NC VP2EMA 10103 0244 4 MA T30BC 14208 1218 1 RI20 Meter CW 4K0E 14007 1216 4 OR UC8D/ 14192 1543 8 MAP 4S7EA 14005 0025 1 MI RB4MF 7X2FK 14017 0100 3 OR UJ8JMM 14163 0040 4 MAP 9J2BO 14025 1343 7 WA UL8DZZ 14186 0204 2 FL 9V1XE 14009 1154 4 MN V85BA 14215 1136 3 NE BV2B 14011 1327 28 MD V85RM 14205 1330 1 IAP BY4RB 14033 1240 1 NY V08AA 14218 1149 25 MD BY4RB 14033 1240 1 NY V08AA 14218 1149 25 MD BY4RB 14025 0810 2 MD XF1C 14233 0039 1 TN HB0CZS 14001 0110 3 OR XU1SS 14165 1259 30 CC J52US 14025 2140 5 MN YB9LA 14206 1320 7 OF JD1/ 14030 1324 1 MT YN4ZJR 14186 2255 5 MAP JA1XGI JT1BR 14010 1359 1 MT ZP9XJS 14236 0204 21 CC JW/ 14027 1210 6 IA WA4ZEL JW0B 14020 0135 30 CT 4S7GF 21010 0135 2 MC KH3/WY5L 14029 0925 2 FL 4S7RO 21004 0212 3 WAR OX3LX 14015 0323 2 MD 4U1VIC 21028 1144 2 GAR					•					
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P29SS 7004 1120 4 WY P29DD 14191 1030 4 MA ZK1XV 7165 0748 6 NV P29KH 14245 1156 5 CT 30 Meters P29MM 14222 1139 16 TM KC6SI 10105 1121 31 MA PY0FF 14236 0144 1 NO VP2EMA 10103 0244 4 MA T30BC 14208 1218 1 RI VP2EMA 10103 0244 4 MA T30BC 14208 1218 1 RI 4K0E 14007 1216 4 OR UC8D/ 14192 1543 8 MA 4S7EA 14005 0025 1 MI RB4MF TX2FK 14017 0100 3 OR UJ8JMM 14163 0040 4 MA 9V1XE 14009 1154 4 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>										
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20 Meter CW 4KØE 14007 1216 4 OR UC8D/ 14192 1543 8 MA 4S7EA 14005 0025 1 MI RB4MF 7X2FK 14017 0100 3 OR UJ8JMM 14163 0040 4 MA 9J2BO 14025 1343 7 WA UL8DZZ 14186 0204 2 FL 9V1XE 14009 1154 4 MN V85BA 14215 1136 3 NB BV2B 14011 1327 28 MD V85RM 14205 1330 1 IA BY4RB 14033 1240 1 NY V08AA 14218 1149 25 MD EA9SM 14025 0810 2 MD XF1C 14233 0039 1 TN HB0CZS 14001 0110 3 OR XU1SS 14165 1259 30 CO J52US 14025 2140 5 MN YB9LA 14206 1320 7 OR JD1/ 14030 1324 1 MT YN4ZJR 14186 2255 5 MA JA1XGI JT1BR 14010 1359 1 MT ZP9XJS 14236 0204 21 CO JW/ 14027 1210 6 IA WA4ZEL JW0B 14020 0135 30 CT 4S7GF 21010 0135 2 MC KH3/WY5L 14029 0925 2 FL 4S7RO 21004 0212 3 WA OX3LX 14015 0323 2 MD 4U1VIC 21028 1144 2 GA							_			NC
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BV2B 14011 1327 28 MD V85RM 14205 1330 1 IA BY4RB 14033 1240 1 NY V08AA 14218 1149 25 MD EA9SM 14025 0810 2 MD XF1C 14233 0039 1 TN HB0CZS 14001 0110 3 OR XU1SS 14165 1259 30 CO J52US 14025 2140 5 MN YB9LA 14206 1320 7 OF JD1/ 14030 1324 1 MT YN4ZJR 14186 2255 5 MA JA1XGI JT1BR 14010 1359 1 MT ZP9XJS 14236 0204 21 CO JW/ 14027 1210 6 IA ——————————————————————————————————	9J2B0			7	WA					FL
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EA9SM 14025 0810 2 MD XF1C 14233 0039 1 TM HB0CZS 14001 0110 3 OR XU1SS 14165 1259 30 CC J52US 14025 2140 5 MN YB9LA 14206 1320 7 OF JD1/ 14030 1324 1 MT YN4ZJR 14186 2255 5 MA JA1XGI ZB2GR 14228 0827 6 NV JT1BR 14010 1359 1 MT ZP9XJS 14236 0204 21 CC JW/ 14027 1210 6 IA15 Meter CW WA4ZEL JW0B 14020 0135 30 CT 4S7GF 21010 0135 2 MC KH3/WY5L 14029 0925 2 FL 4S7RO 21004 0212 3 WA OX3LX 14015 0323 2 MD 4U1VIC 21028 1144 2 GA	BV2B	14Ø11	1327	28	MD	V85RM	14205	1330	1	IA
HBØCZS	BY4RB	14033	1240	1	NY	VO8AA	14218	1149	25	MD
J52US 14025 2140 5 MN YB9LA 14206 1320 7 OF JD1/ 14030 1324 1 MT YN4ZJR 14186 2255 5 MA JA1XGI ZB2GR 14228 0827 6 NV JT1BR 14010 1359 1 MT ZP9XJS 14236 0204 21 CO JW/ 14027 1210 6 IA15 Meter CW WA4ZEL JW0B 14020 0135 30 CT 4S7GF 21010 0135 2 MC KH3/WY5L 14029 0925 2 FL 4S7RO 21004 0212 3 WA OX3LX 14015 0323 2 MD 4U1VIC 21028 1144 2 GA	EA9SM	14025	Ø81Ø	2	MD	XF 1C	14233	0039	1	TN
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JD1/ 14030 1324 1 MT YN4ZJR 14186 2255 5 MA JA1XGI ZB2GR 14228 0827 6 NV JT1BR 14010 1359 1 MT ZP9XJS 14236 0204 21 CO JW/ 14027 1210 6 IA 15 Meter CW WA4ZEL 4S7EA 21021 0147 7 VA JW0B 14020 0135 30 CT 4S7GF 21010 0135 2 MC KH3/WY5L 14029 0925 2 FL 4S7RO 21004 0212 3 WA OX3LX 14015 0323 2 MD 4U1VIC 21028 1144 2 GA	J52US	14025	2140	5	MN	YB9LA	14206	1320	7	OR
JA1XGI JT1BR 14010 1359 1 MT ZP9XJS 14236 0204 21 CO JW/ 14027 1210 6 IA15 Meter CW WA4ZEL JW0B 14020 0135 30 CT 487GF 21010 0135 2 MC KH3/WY5L 14029 0925 2 FL 487RO 21004 0212 3 WA OX3LX 14015 0323 2 MD 4U1VIC 21028 1144 2 GA	JD1/	14030	1324	1	MT		14186	2255	5	MA
JT1BR 14010 1359 1 MT ZP9XJS 14236 0204 21 CO JW/ 14027 1210 6 IA 15 Meter CW WA4ZEL 4S7EA 21021 0147 7 VA JW0B 14020 0135 30 CT 4S7GF 21010 0135 2 MC KH3/WY5L 14029 0925 2 FL 4S7RO 21004 0212 3 WA OX3LX 14015 0323 2 MD 4U1VIC 21028 1144 2 GA	JA1XGI									NV
JW/ 14027 1210 6 IA 15 Meter CW WA4ZEL 487EA 21021 0147 7 VA JW0B 14020 0135 30 CT 487GF 21010 0135 2 MC KH3/WY5L 14029 0925 2 FL 487RO 21004 0212 3 WA OX3LX 14015 0323 2 MD 401VIC 21028 1144 2 GA		14010	1359	1	MT					
WA4ZEL	JW/									
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KH3/WY5L 14029 0925 2 FL 4S7RO 21004 0212 3 WA OX3LX 14015 0323 2 MD 4U1VIC 21028 1144 2 GA		14020	Ø135	30	CT					MO
OX3LX 14015 0323 2 MD 401VIC 21028 1144 2 GA										WA
										GA
										ID
			4 4							

Key to Bandpass: Callsign, frequency, UTC, day of month state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

507/	21043	2254	24	IL	
TU4BR A92EM	21033	01110101	3	WA	
A92EM	21033			FL	
BV2DA	21003			MA	
BV2DA	21ØØ5 21Ø27			MT	
EA6ZY	21027			CA	
JT/OK1KC				MA	
JT 1BR	21027			OR	
OD5LX OY1R	21025			WA	
TAZAI	21026 21016	2200	31	OR	
TAST	21016	11107	-	FL	
TX9IPA	21012	2122	9	FL	
OADIN	21013	0020	**	NY	
	21015				
UI9GWP UJ8JX	21Ø5Ø 21Ø36	Ø412	9 5	OR NY	
	21011			TN	
UL7IAL	21018	Ø147	2	MN	
UL8GWG	21029	Ø327	5	FL	
VP2EMA	21Ø31 21Ø14	1230	1	NY	
VU2KEN XU1SS	21014	0204	5		
ZC4EE	21027 21009			CA	
1					
3B8BD	21229	Ø515	3	CA	
4S/DF9FA				CO	
5B4JE 5B4TI	21318 213Ø5			COWA	
5B4WB	21273	0027	1	IL	
	21302	2034	4	OR	
5H3RB 5T5DX			2	KY	
5V5TS	21253		-	CA	
5Z4DU 5Z4MR	2132Ø 21266	2100	3	WA	
5Z4SS	21250				
6W6AB	21230			MD	
6W7OG	21345			MA	
9K2DZ	21330	Ø435	9	OR	
9M2AR	21235			ND	
9M2HB 9Q5NW	21253	1825	5	MO KY	
9V1RH	21255 21329	1640	26	MD	
9V1TJ	21267	1550		MI	
A4XKB	21331	2345		CO	
A4XKI		1905			
A4XKP A71BJ	21248 21225	1191	29	CA	
A92BE	21220	Ø3Ø4 Ø326	4	MD CA	
A92BK	21204	0206	29	MD	
BV2FA	21222	1453	5	OR	
BY4RB	21227	1358	27	MD	
CN8EL EA9IB	21223 21298	2114 Ø226	25	MD OR	
FH5EF	21312		4	MO	
FKØBA	21320		1	CO	
FT5ZB		0342	30	MO	
HBØCZS		0529	3	CA	
HZ1AB J28DN	21243 21250	1919 Ø2Ø5	29	CA	
JW8FG		1710	3 26	NH MD	
JY5CI	21276		9	OR	
JY5HH		Ø351	3	IN	
OD5BU		Ø511	9	OR	
OD5KV SVØFE	21335 21302	1845	3	CA	
SVETE	21263	1805	5	IA WA	
SV9AKD	21250	2318	30	WY	
SV9ANJ	21345	2116	4	MA	
SX1RAAG	21200		5	MA	
TA2AP TA3C	21346 21319		1	MD	
TL8CK		2125	29	IN	
TL8HW	21355	1930	3	RI	

	21261	2106	h mr	
TQ6JUN	21261			
TU 2QQ	21212	1117	4 NH	
TZ4DU	21320	1948	31 KY	
XAA8HU	21313			
UI8AGH	21311	1612	3 WA	
UI8FM	21236		2 MO	
UI8LAD	21312		4 KY	
UI8ZAC	21261	0325	3 OR	
UJ8SAD	21270	1827		
UR2QD	21250	0405	29 MN	
UV2GI	21355	Ø13Ø	7 VA	
VU2NR	21279	Ø113		
VU2TJW	21256	Ø211	2 NH	
VU2TTC	21221	1432		
VU2ZAP	21282			
XX9KA	21254	1620	4 RI	
YCØLOG				
	21202	1215	5 MI	
YI1BGD	21259	1245	3 RI	
YK/	21245			
		200)	21 110	
OE 1RUA				
ZB2GR	21290	1436	30 CT	
ZK 1XV	21230			
	-12 Mete	ers		
4X4DK	24900	1445	4 MA	
EA8/	24903	1940	4 CT	
EA5BS				
EA8QL	24945	2112	2 CT	
Drogn	27777			
HB9DX	24900	1620	5 NM	
HB9LN	24903	1825	4 CT	
HZ1AB	24947	1603	4 NM	
	24941	1003		
SV/	24945	1840	3 NM	
KA4NGW	V			
SV5/	24897	1001	li sea	
	24091	1351	4 MA	
DJ1UR				
TZ6VV	24910	1806	25 NM	
YJØAF	24950	0550	26 NM	
ZLZANT	24906	1948	2 NM	
1		-		
A35AS	28011	0036	24 CT	
EA8ABR	28Ø18	0045	6 FL	
J52US	28Ø3Ø 28Ø36	1942	30 MA	
SV1JG	28036	1830	4 WA	
VP2EMA	28Ø15	2231	4 CT	
	20015	40 115	7 01	
	28025	1847	4 IN	
ZYØTR	a Matan	CCD		
1	meter.	22B-		
1		SSB-		
1 5B4TI	28490	1710	3 WA	
1	2849Ø 28447	1710 1730	3 WA 30 MD	
1 5B4TI	2849Ø 28447	1710 1730	3 WA 30 MD	
1 5B4TI 5V7WD 5W1GP	2849Ø 28447 28475	1710 1730 2347	3 WA 30 MD 6 CO	
5B4TI 5V7WD 5W1GP 7P8DX	2849Ø 28447 28475 28459	1710 1730 2347 1502	3 WA 30 MD 6 CO 4 MD	
1 5B4TI 5V7WD 5W1GP	2849Ø 28447 28475 28459 285Ø3	1710 1730 2347 1502	3 WA 30 MD 6 CO 4 MD	
5B4TI 5V7WD 5W1GP 7P8DX 9V1WU	2849Ø 28447 28475 28459 285Ø3	1710 1730 2347 1502 0030	3 WA 30 MD 6 CO 4 MD 4 TN	
584TI 5V7WD 5W1GP 7P8DX 9V1WU A92BE	2849Ø 28447 28475 28459 285Ø3 2849Ø	1710 1730 2347 1502 0030 0020	3 WA 30 MD 6 CO 4 MD 4 TN 7 VA	
584TI 5V7WD 5W1GP 7P8DX 9V1WU A92BE C31LBL	2849Ø 28447 28475 28459 285Ø3 2849Ø 28319	1710 1730 2347 1502 0030 0020 2053	3 WA 30 MD 6 CO 4 MD 4 TN 7 VA 4 IN	
584TI 5V7WD 5W1GP 7P8DX 9V1WU A92BE	2849Ø 28447 28475 28459 285Ø3 2849Ø	1710 1730 2347 1502 0030 0020 2053	3 WA 30 MD 6 CO 4 MD 4 TN 7 VA 4 IN	
5B4TI 5V7WD 5W1GP 7P8DX 9V1WU A92BE C31LBL J28DN	2849Ø 28447 28475 28459 285Ø3 2849Ø 28319 285Ø6	1710 1730 2347 1502 0030 0020 2053 0116	3 WA 30 MD 6 CO 4 MD 4 TN 7 VA 4 IN 3 CO	
584TI 5V7WD 5W1GP 7P8DX 9V1WU A92BE C31LBL J28DN J52US	2849Ø 28447 28475 28459 285Ø3 2849Ø 28319 285Ø6 28486	1710 1730 2347 1502 0030 0020 2053 0116 1751	3 WA 30 MD 6 CO 4 MD 4 TN 7 VA 4 IN 3 CO 4 KY	
584TI 5V7WD 5W1GP 7P8DX 9V1WU A92BE C31LBL J28DN J52US P43HM	2849Ø 28447 28475 28459 285Ø3 2849Ø 28319 285Ø6 28486 28419	1710 1730 2347 1502 0030 0020 2053 0116 1751 1800	3 WA 30 MD 6 CO 4 MD 4 TN 7 VA 4 IN 3 CO 4 KY 4 KY	
584TI 5V7WD 5W1GP 7P8DX 9V1WU A92BE C31LBL J28DN J52US	2849Ø 28447 28475 28459 285Ø3 2849Ø 28319 285Ø6 28486	1710 1730 2347 1502 0030 0020 2053 0116 1751 1800	3 WA 30 MD 6 CO 4 MD 4 TN 7 VA 4 IN 3 CO 4 KY 4 KY	
5B4TI 5V7WD 5W1GP 7P8DX 9V1WU A92BE C31LBL J28DN J52US P43HM SP3AGE	2849Ø 28447 28475 28459 285Ø3 2849Ø 28319 285Ø6 28486 28419 285ØØ	1710 1730 2347 1502 0030 0020 2053 0116 1751 1800 0039	3 WA 30 MD 6 CO 4 MD 4 TN 7 VA 4 IN 3 CO 4 KY 4 KY 7 VA	
5B4TI 5V7WD 5W1GP 7P8DX 9V1WU A92BE C31LBL J28DN J52US P43HM SP3AGE SV1IW	2849Ø 28447 28475 28459 285Ø3 2849Ø 28319 285Ø6 28486 28419 285ØØ 28516	1710 1730 2347 1502 0030 0020 2053 0116 1751 1800 0039 0000	3 WA 30 MD 6 CO 4 MD 4 TN 7 VA 4 IN 3 CO 4 KY 4 KY 7 VA 5 MA	
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		442 -	June 17, 1988
(Changes and hot	info in boldface.)		Taiwan - BV
Amsterdam - FT8Z	FT5ZB 14165+ 113ØZ	I441	
	7005 01452; 14025 03	ØØZ	Tanzania - 5
Anguilla - VP2E	VP2EMA CW to Jun 22	I442	Tokelau - ZK
Aruba - P4	P4ØP June 15-22	I439	Tuvalu - T2
Bahamas - C6	W8KKF IARU HF Jul 9	I441	U.A.E A61
Bahrain - A92	A92BE 21200-230 03Z	I442	Virgin Is
Central Africa	TL8HW 21335 1900Z	I439	W. Malaysia
Christmas Is.	VK4CEI/VK9X Jun 17-2	41438	West Samoa -
Christmas - T32	T32BE Sept. 15-21	I441	Yemen - 4W
Comoros - D68	D68WB back soon	I442	D
Congo - TN	TN8NW June 30-July 4		Date
Corsica - TK	TK/HB9TL from Jul 14	I441	June 15
Council of Europe	TPØCE June 24-26	I440	June 18-19
Franz Josef Land	UA10/UAØBDU, UW3HY/1	I434	June 25-26
Glorioso - FR/G	FR4FA/G June 22-July	I436	July 9-10
Guinea-Bissau J5	J52US 14200 22-23Z	1442	Rea
Juan Fernandez	CEØICD 14236 2200Z	I434	
Kerquelen - FT-X	FT5XE 14055 1100Z	1442	This Is
Kenya - 5Z4	5Z4DU 2132Ø 183ØZ	I442	not have bee
Liechtenstein HBØ	HBØ/F6GMB Aug 8-20	I437	invaluable a
Marshall Is. KX6	KX6HN 14196 1215-13Z	I440	KH6BZF, AB8K
Mauritius - 3B8	3B8CF 14Ø33 Ø33ØZ+	I440	K1TN, K2EK,
Minami Torishima	KA2CC July 8-15 SSB	I442	K7SLI, K8CV,
Mongolia - JT	JT1BR 14027 1400Z	I440	KC1AG, KD7SO
Nepal - 9N	9N1MM 14183 Ø1ØØZ	I434	KJ4VH, KK4LM
Nevis - V47	V47/N09Y June 18-25	I442	NØAXM, N1CIX
North Cooks ZK1	ZK1QC June 25-30	I436	N6JM, N8AGU,
Oblast 177 UM-P	UM9MWA/UM5P to Jun 27		W1CYB, W1JR,
Oman - A4X	A4XKP 21265-75 1700Z	1442	W5SUV, W6AUG
Papua New Guinea	P29JP 14178 1100Z+	I440	W7AWA, W7CRT
Rodriguez - 3B9	3B9FR 14250 at 0300Z	I441	WA9GCB, WB3A
	More skeds in Issue		W1BFT, KH6HB
Rwanda - 9X	9X5SP 14292 Ø23ØZ	I442	KA2CC, N4NW,
Saba Is PJ		1430	WB9TBU, PW8D
St. Pierre - FP		I440	WW6D. Your h
Svalbard - JW	JW/WA4ZEL now	1442	

not have been possible without the invaluable assistance of the following: KH6BZF, AB8K, KØCVD, KØHB, K1HDO, K1MEM, K1TN, K2EK, K2UFM, K4BAI, K6IR, K6SIK. K7SLI, K8CV, K8NEU, KA1XN, KA4YAE, KA7T, KC1AG, KD7SO, KE7X, KF7E, KJ4BK, KJ4MD, KJ4VH, KK4LM, KQ3S, KS7V, KWØA, KX1G, NØAXM, N1CIX, N1DYI, N2GLH, N4PZF, N4XR, N6JM, N8AGU, N9QX, NS7Z, NW6P, NX7K, WØIJR, WICYB, WIJR, WIWAI, W4JVN, W4LYV, W4VQ, W5SUV, W6AUG, W6BJI, W6JOX, W6TFO, W6ZH. W7AWA, W7CRT, WA3EEE, WA4DPU, WA7RKJ, WA9GCB, WB3AVN, WB8SFF, WB8ZRL, WJ7R, KUØA, W1BFT, KH6HBZ, N1EJF, K1TG, KS7V, W8MEP, KA2CC, N4NW, WA7UET, WA4DPU, KO9Y, KV4AM, WB9TBU, PW8DP, WA6PJR, KT7H, W1AW, and WW6D. Your help is greatly appreciated. -ed.

IARU HF Contest Reserve Your Island Now! Contributors

This Issue of The DX Bulletin would

Date Event or Activity June 15 10-Meter DXCC Apls. June 18-19 All Asian Phone June 25-26 ARRL Field Day July 9-10

DX Activities and Contests

W. Malaysia - 9M2 9M2HB 21255 1650Z West Samoa - 5W 5W1GY June 10-18 I441 Yemen - 4W 4WØEA June 24-30 I440

Virgin Is. - KP2 QRPers July 7-14 I442

Tuvalu - T2 CQWW SSB by K8JRK I432 U.A.E. - A61 A61AB 14251 at 2100Z I439 I442

by VK2BCH June 24-30 I441 Tokelau - ZK3

Taiwan - BV BV2DA 14005 1400Z I438 BV2B 14223-26 1300Z I439 Tanzania - 5H 5H1HK 21040 13, 22Z I439

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